

Class Code 3012/Nonexempt
Position Title Associate Technician
Survey Title Metal Fabricator/Traffic Technician
Effective Date August 11, 2003



JOB DESCRIPTION

Scope

Technical work involving roadway sign fabrication, installation and repair, traffic data collection and maintenance of traffic activities, and roadway marking installation.

Essential Functions

Note: These are intended only as illustrations of the various types of work performed. The omission of specific duties does not exclude them from the position if the work is a logical assignment to the position.

Fabricate and install traffic signs; repair and clean traffic signs. Assist in layout of roadway markings and apply pavement markings according to approved plans. Set and retrieve automatic traffic counters weighing up to thirty pounds to collect data, volume, speed, and classification data. Perform turning movement counts at locations throughout the County. Convert traffic data into report summaries and assist in preparation of engineering reports. Enter crash data into the computer database. Prepare crash summaries and crash plots for various locations and prepare monthly crash reports. Investigate crash locations and forward report to supervising engineer. Conduct field reviews and complete diagrams and photographs to document existing traffic conditions. Establish work zone for maintenance of traffic and monitor condition. Operate a variety of power tools as needed for fabrication and installation of roadway signs, and application of roadway pavement markings. Perform daily care and maintenance of shop and field equipment. Perform after hour on-call duties on a rotating basis. Complete field reviews and accurately generate work orders for signs, markings, and signal work. Collect and present data in summary and graphical formats. Communicate well orally and in writing. Develop written reports, graphs, maps, and diagrams. Perform other duties as assigned or as may be necessary.

Minimum Qualifications

Knowledge and Skills

Knowledge of : Computer applications; the Manual of Uniform Traffic Control Devices and industry standards for layout and placement of roadway signs, and pavement markings; mathematics and data collection methodology; and materials, tools, and procedures used in the production of traffic control devices.

Education

High School Diploma or GED and two (2) years experience in the Traffic Engineering or related field. Must have or obtain within 3 months a Class D Florida Driver's License. Must possess or be able to obtain certification in IMSA Work Zone Safety and IMSA Level I Sign and Markings. Must possess the ability to obtain an IMSA Level II Sign & Markings certification within twelve (12) months of employment.

A comparable amount of education, training, or experience may be substituted for the minimum qualifications.

Working Conditions

Technical work performed in the field and in a shop area performing duties that include lifting, standing, stooping, sitting, walking over construction areas, and working in adverse weather conditions.